



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

4-490

Date of Issuance:

11/18/15

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Bonide Systemic Insect Control

Name and Address of Registrant (include ZIP Code):

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Richard Gebken, Product Manager 10
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

Date:

11/18/15

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Acephate GDCI-103301-917

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

http://www.epa.gov/oppsrrd1/contacts_prd.htm

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 4-490.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/21/2015
- Alternate CSF 1 dated 10/21/2015
- Alternate CSF 2 dated 10/21/2015

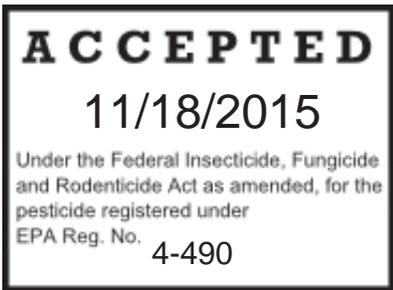
If you have any questions, please contact Eric Bohnenblust by phone at (703) 347-0426, or via email at Bohnenblust.eric@epa.gov.

Sincerely,



Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

Enclosure



Systemic Insect Control

For Outdoor Residential Use Only

Optional Marketing Statements

- **CONTROLS:** Aphids, Armyworms, Bagworms, Black Vine Weevil, Budworms, Cankerworms, Cuban Laurel Thrips, Flower Thrips, Grasshoppers, Gypsy Moths, Japanese Beetles, Leafhoppers, Leafminers, Leafrollers, Leaf tiers, Loopers, Mealybugs, Pine Tip Moths, Psyllids, Root Weevils, Rose Midges, Sawflies, spittlebugs, Scale (crawlers), Tent Caterpillars, Webworms, Whitefly and other listed leaf eating caterpillars.
- **ON:** Roses, Flowers, Ornamentals, Shrubs and Shade Trees.
- Kills listed bugs on contact
- Use on over 100 plant varieties
- Stops plant damage
- Specifically formulated for residential use.
- Designed for independent retailers
- Open resealable label for Directions & Precautions
- Press to reseal
- Use as little as 2 tablespoons per gallon
- NEONIC alternative chemistry
- For use on [Roses] [Flowers] [Ornamentals] [Ornamental Gardens] [Shrubs] [Groundcovers] [Trees] [Evergreens] and [Shade Trees]
- Controls listed hard to kill insects including flower thrips, mealybugs, scales, two spotted spider mites and whiteflies.
- Concentrate
- Also controls Japanese Beetles!
- Controls Tent Caterpillars!
- Systemic Insect Spray
- Can be applied with Auto Mix Sprayer
- Can be mixed with fungicides that are labeled for use on ornamentals.
- Pint makes up to 16 gallons of diluted spray.
- Quart makes up to 32 gallons of diluted spray.

ACTIVE INGREDIENT:

Acephate 9.4%

OTHER INGREDIENTS:90.6%

TOTAL:..... 100.0%

Keep Out of Reach of Children

CAUTION

See back/side/other panel(s) or attached booklet for additional Precautionary Statements & First Aid.

Net Contents: 1 PT (16 fl oz) (473 mL) / 1 QT (32 fl oz) (946 ml) / 1 GAL (128 fl oz) (3.785 l)

PRODUCT FACTS	
KILLS INSECTS	Aphids, Armyworms, Bagworms, Black Vine Weevils, Budworms, Cankerworms, Cuban Laurel Thrips, Flower Thrips, Grasshoppers, Gypsy Moths, Japanese Beetles, Leafhoppers, Leafminers, Leafrollers, Leaf tiers, Loopers, Mealybugs, Pine Tip Moths, Psyllids, Root Weevils, Rose Midge, Sawflies, Spittlebugs, Scale (crawlers), Tent Caterpillars, Webworms, Whitefly and other listed leaf eating caterpillars.
WHERE TO USE	[On] Roses, Flowers, Ornamentals, Shrubs and Shade Trees

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. When handling this product, wear safety glasses, chemical resistant gloves (including barrier laminate, butyl, nitrile or neoprene rubber, polyvinyl chloride or Viton), long pants, socks, shoes, and long-sleeved shirt. When using outdoors, spray with the wind to your back and do not use when wind speeds are 10 mph or more. Wash the outside of the gloves with soap and water before removing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note to Physicians: Emergency Information call 1-800-858-7378. This product contains a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition are present, atropine is antidotal. 2-PAM may also be given in conjunction with atropine.	

ENVIRONMENTAL HAZARDS: This pesticide is toxic to birds. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Cover or soil-incorporate spills. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product, or allow it to drift to blooming crops or weeds if bees are visiting treatment area.

PHYSICAL OR CHEMICAL HAZARDS: Flammable. Keep away from heat and open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

RESTRICTIONS:

- Do not apply this product in a way that will contact people or pets.
- For outdoor residential use only.

- Do not apply to plants to be used for food or feed.
- Do not use on turf, including lawns.

MIXING INSTRUCTIONS

For Roses, Flowers, Ornamentals, Shrubs & Shade Trees

- Aphids & Grasshoppers
Amount to Use: 2 Tbs (1 fl oz) per gallon of water.
- Japanese Beetles and Elm Leaf Beetle
Amount to Use: 4 Tbs (2 fl ozs) per gallon of water.
- Other Listed Insects Commonly Found on Ornamental Plants
Amount to Use: 3 Tbs (1 ½ fl ozs) per gallon of water.

Clean sprayer after use by flushing with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

[OTHER] INSECTS COMMONLY FOUND ON ORNAMENTAL PLANTS

Aphids, armyworms, bagworms, **black vine weevil, budworms, cabbage looper, casebearers, catalpa sphinx moth, cherry laurel leaf tier, Cuban laurel thrips, elm leaf beetle, fall cankerworm, fall webworm, flower thrips, gladiolus thrips, **grasshoppers, green striped mapleworm, gypsy moth, hornworm, Japanese beetles, lacebugs, leafhoppers, leafminers, oblique banded leafrollers, omnivorous leaf tier, maple shoot moth, mealybugs, mimosa webworm, Nantucket pine tip moth, oak webworm, oleander caterpillar, orange-striped oakworm, **obscure root weevil (adults), pine tip moth, poplar tentmaker, psyllids, rose midge, sawflies, scales (crawlers), spittlebug, sunflower moth, tent caterpillars, two-spotted spider mites (suppression), webworms, willow leaf beetle, white-marked tussock moth, whiteflies and yellow necked caterpillar.

HOW TO APPLY

Spray entire plant covering both sides of foliage thoroughly.

WHEN TO APPLY

Spray when insects are present or when feeding injury is first noticed.

For hard to kill insects, such as flower thrips, gladiolus thrips, mealybugs, scales, two spotted spider mites, and whiteflies, spray 2 to 3 times, waiting 7 to 10 days between each application. Repeat if re-infestation occurs.

**SPECIAL DIRECTIONS

For Obscure Root Weevil (Adults): Spray foliage in late spring as soon as feeding is noticed (usually about April). Repeat every 4 weeks through September. (Mid-July through August is the peak feeding time.)

For Black Vine Weevil: Spray foliage and soil beneath plants. Begin applications in mid-June. Spray 4 times, waiting 3 weeks between each application.

For Grasshoppers: Spray foliage of plants and soil beneath plants.

Honeysuckle Aphid on Honeysuckle: Spray thoroughly as leaves begin spring expansion. Reapply in 2 weeks with a third spray 4 weeks after second application.

ORNAMENTAL PLANTS

This product can be used on over 100 plant varieties including: abelia, ageratum, alder, aluminum plant, alyssum, arborvitae, ardisia, ash, asparagus fern, aster, azalea, bald cypress, barberry, begonia, birch, bird of paradise, bischofia, bougainvillea, Boston ivy, boxwood, calendula, camellia, Carissa, carnation, catalpa, cedar, cherry laurel, Chinese elm, Chinese holly, chrysanthemum, cocksbur thorn, coleus, cotoneaster, crape myrtle, croton, Cuban laurel (fig), dahlia, daisy, dieffenbachia, dracaena, euonymus, false aralia, fir, flowering almond, flowering cherry, flowering plum, fruitless mulberry, fuchsia, gardenia, geranium, gladiolus, gloxinia, hackberry, hawthorn, hemlock, hibiscus, holly, honey locust, honeysuckle, ivy, juniper, lantana, ligustrum, lilac, linden, magnolia, mahonia, maple, marigold, mimosa, mock orange, nandina, nephthytis, oak, oleander, orchid, ornamental cabbage, osmanthus, palm, periwinkle, petunia, philodendron, photinia, pine, pittosporum, podocarpus, poinsettia, poplar, primrose, purple passion, pyracantha, rhododendron, rose, rose of Sharon, salvia, sassafras, schefflera, Siberian elm, silver maple, slippery elm, snapdragon, spirea, spruce, staghorn sumac, sweet gum, sycamore, tulip, viburnum, wandering Jew, wild cherry, willow, wisteria, yaupon, yew (taxus), yucca and zinnia.

Important: Do not use on American elm, flowering crabapple, sugar maple, red maple, cottonwood, redbud or weigelia as foliage injury may occur.

COMBINATION SPRAY WITH FUNGICIDE ON ORNAMENTAL PLANTS

This product may be mixed with the following fungicides (at the label rates for both products): Bonide INFUSE Systemic Disease Control, Bonide Fung-onil Multi-purpose Fungicide or other EPA registered fungicide labeled for use on ornamentals. Follow directions and restrictions on both labels. Do not make more than two consecutive applications of combination spray. If mixed with another product, the most restrictive labeling applies.

COMBINATION SPRAY WITH FUNGICIDE OR FERTILIZER ON ROSES

May be used together with Bonide INFUSE Systemic Disease Control and Bonide Fung-onil Multi-purpose Fungicide or other EPA registered fungicide labeled for use on ornamentals at rates specified on each product label. Apply fungicides on a regular schedule for disease control; add this product only when necessary for insect control. Do not apply more than two consecutive applications in combination with any of the above fungicides.

RESTRICTION: Do not allow people or pets to enter the treated area until sprays have dried.

STORAGE AND DISPOSAL

Pesticide Storage: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate feed or foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.

Pesticide Disposal and Container Handling: *If empty* - Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available. *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Bonide Products, Inc.

6301 Sutliff Road, Oriskany, NY 13424

[batch code inserted at production]

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